

WATER COOLING LD PUMPED ALL-SOLID-STATE Q-SWITCHED GREEN LASER at 532nm

RN-532-Q/20~40W



产品描述

All solid state Q-switched green laser at 532nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.

产品参数

RN-532-Q/20~40W	
Wavelength (nm)	532±1
Operating mode	Acousto-Optic Q-switched
Average power (W)	20@10kHz 40@10kHz
Pulse duration (ns)	~100 @10kHz&40W
Rep. rate (kHz)	10~20 (It is possible to customize other repetition rates)
Single pulse energy (mJ)	2 4
Peak power (kW)	20 @10kHz&20W 40 @10kHz&40W
Ave power stability (over 4 hours)	<3% , <5%,
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (mm)	<6 <9
Beam height from base plate (mm)	55
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220V AC)	PSU-HPL-Q & PSU-HPL-CW
Expected lifetime (hours)	10000
Warranty period	1 year